Refine Search

10/772370

Your wildcard search against 10000 terms has yielded the results below.

Your result set for the last L# is incomplete.

The probable cause is use of unlimited truncation. Revise your search strategy to use limited truncation.

Search Results -

Terms	Documents
((control\$ with accelerat\$).clm. or (control\$ with accelerat\$).ab.) and (((portion\$ or part\$ or "cut-off") adj cylinder\$) with ((full\$ adj cylinder\$) or "full-cylinder" or (all\$ adj cylinder\$)) with (chang\$ or switch\$)) and (cylinder\$.clm. or cylinder\$.ab.)	13

US Pre-Grant Publication Full-Text Database

US Patents Full-Text Database

US OCR Full-Text Database

Database:

EPO Abstracts Database

JPO Abstracts Database

Derwent World Patents Index

IBM Technical Disclosure Bulletins

L21

Search:

Refine Search

Recall Text 👄

Clear

Interrupt

Search History

DATE: Monday, December 03, 2007 Purge Queries

Printable Copy

Create Case

Set
Name
Side by
side

DB=PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD; THES=ASSIGNEE; PLUR=YES;
OP=OR

((control\$ with accelerat\$).clm. or (control\$ with accelerat\$).ab.) and

L21 (((portion\$ or part\$ or "cut-off") adj cylinder\$) with ((full\$ adj cylinder\$) or "full-cylinder" or "all-cylinder" or (all\$ adj cylinder\$)) with (chang\$ or switch\$)) and (cylinder\$.clm. or cylinder\$.ab.)

(control\$ with accelerat\$).clm. and (((portion\$ or part\$ or "cut-off") adj

L20 cylinder\$) with ((full\$ adj cylinder\$) or "full-cylinder" or "all-cylinder" or (all\$ adj cylinder\$)) with (chang\$ or switch\$)) and (cylinder\$.clm. or cylinder\$.ab.)

L19 (control\$ with accelerat\$) and (((portion\$ or part\$ or "cut-off") adj cylinder\$) with ((full\$ adj cylinder\$) or "full-cylinder" or "all-cylinder" or (all\$ adj

WEST Refine Search Page 2 of 3

	cylinder\$)) with (chang\$ or switch\$)) and cylinder\$.clm.	** * 14*		
	=EPAB,JPAB,DWPI; THES=ASSIGNEE; PLUR=YES; OP=OR	•	m,	
L18	L17 and (signal\$ or command\$ or instruction\$)		1	L18
	$=\!PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD; \ THES = ASSIGNEE; \ PLUR = YE$	S;		
OP=O				
L17	(control\$ with accelerat\$) and (((portion\$ or part\$ or "cut-off") adj cylinder\$) with ((full\$ adj cylinder\$) or "full-cylinder" or "all-cylinder" or (all\$ adj cylinder\$)) with (chang\$ or switch\$))		40	L17
DB=	=EPAB,JPAB,DWPI; THES=ASSIGNEE; PLUR=YES; OP=OR			
L16	(control\$ with accelerat\$) and (first near2 (signal\$ or command\$)) and (second\$ near2 (signal\$ or command\$)) and (((portion\$ or part\$ or "cut-off") adj cylinder\$) with ((full adj cylinder\$) or "full-cylinder" or "all-cylinder" or (all ad cylinder\$)) with (chang\$ or switch\$))		0	L16
DB=	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD; THES=ASSIGNEE; PLUR=YE=	S;		
OP=O	R			
L15	L14 and (control\$ with accelerat\$) and (((portion\$ or part\$ or "cut-off") adj cylinder\$) with ((full adj cylinder\$) or "full-cylinder" or "all-cylinder" or (all ad cylinder\$)) with (chang\$ or switch\$))	j	2	L15
L14	L10 or L11 or L12 or L13	•	57	L14
DB=	=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR			
L13	(4165610 3767764 4146006 4000614 4114374 4107921 4144864 4210109 4143635 4134261 3984975 3765205 3765394 2875742 4186715 4149502)![PN]		16	L13
L12	("4274373" "4256074")[PN]		2	L12
	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD; THES=ASSIGNEE; PLUR=YE	S;		
OP=O	R			
L11	L9		2	L11
DB=	=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR			
L10	("4274373" "4256074")[URPN]		39	L10
DB=	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD; THES=ASSIGNEE; PLUR=YE	S;		
OP = O	R			
L9	L6		2	L9
L8	L7 and (control\$ with accelerat\$) and (first near2 (signal\$ or command\$)) and (second\$ near2 (signal\$ or command\$)) and (((portion\$ or part\$ or "cut-off") adj cylinder\$) with ((full adj cylinder\$) or "full-cylinder" or "all-cylinder" or (all adj cylinder\$)) with (chang\$ or switch\$))	1 .	0	L8
DR=	=PGPB, USPT; THES=ASSIGNEE; PLUR=YES; OP=OR			
L7	(701/06 701/110).ccls.	-	759	L7
	=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YE			
OP=O		~ ,		
L6	(control\$ with accelerat\$) and (first near2 (signal\$ or command\$)) and (second\$ near2 (signal\$ or command\$)) and (ice\$ or (internal\$ adj combustion\$ adj engine\$)) and (((portion\$ or part\$ or "cut-off") adj cylinder\$) with ((full adj cylinder\$) or "full-cylinder" or "all-cylinder" or (all adj cylinder\$)) with (chang\$ or switch\$))	;	2	L6

L5	(control\$ with accelerat\$) and (first near2 (signal\$ or command\$)) and (second\$ near2 (signal\$ or command\$)) and (ice\$ or (internal\$ adj combustion\$ adj engine\$)) and (((portion\$ or part\$ or "cut-off") adj cylinder\$) with ((full adj cyliner\$) or "full-cylinder") with (chang\$ or switch\$))	0	L5
L4	(control\$ with accelerat\$) and (first near2 (signal\$ or command\$)) and (second\$ near2 (signal\$ or command\$)) and (ice\$ or (internal\$ adj combustion\$ adj engine\$)) and (((portion\$ or part\$ or "cut-off") adj cylinder\$) with ((full adj cyliner\$) or "full-cylinder") with (chang\$ or switch\$)) and @pd<=20030207	0	L4
L3	(control\$ with accelerat\$) and (first near2 (signal\$ or command\$)) and (second\$ near2 (signal\$ or command\$)) and (ice\$ or (internal\$ adj combustion\$ adj engine\$)) and (((portion\$ or part\$ or "cut-off") adj cylinder\$) with ((full adj cyliner\$) or "full-cylinder") with (chang\$ or switch\$)) and @ad<=20030207	0	L3
L2	(control\$ with accelerat\$) and (first near2 (signal\$ or command\$)) and (second\$ near2 (signal\$ or command\$)) and (ice\$ or (internal\$ adj combustion\$ adj engine\$)) and @ad<=20030207	1864	L2
DB=	=PGPB; THES=ASSIGNEE; PLUR=YES; OP=OR		
L1	20040158383	1	L1

END OF SEARCH HISTORY

First Hit

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End of Result Set

Generate Collection

Print

L18: Entry 1 of 1

File: JPAB

Jun 23, 1987

PUB-NO: JP362139936A

DOCUMENT-IDENTIFIER: JP 62139936 A

TITLE: CYLINDER CONTROL DEVICE FOR ENGINE

PUBN-DATE: June 23, 1987

INVENTOR - INFORMATION:

NAME

COUNTRY

HATTORI, HAJIME

ASSIGNEE-INFORMATION:

NAME

COUNTRY

ISUZU MOTORS LTD

APPL-NO: JP60278876

APPL-DATE: December 13, 1985

INT-CL (IPC): F02D 17/02; F02D 41/02

ABSTRACT:

PURPOSE: To enable the <u>control</u> of cylinder number according to an operator's intention by controlling said number depending upon an extent of stepping down an <u>accelerator</u> pedal.

CONSTITUTION: In an engine 1 equipped with a cylinder number control mechanism 2, signals from an accelerator opening sensor 6, an engine speed sensor 7, a fuel flow amount sensor 8 and the like are inputted into control means 4. This control means 4 drives the cylinder number control mechanism 2 depending upon an accelerator opening setup as determined according to the number of engine revolutions, and changes over engine operation between partial cylinder operation and full cylinder operation. Also, at the time of changing over the number of cylinders, a governor 3 is operated to keep constant engine output, thereby controlling a fuel feed amount. Consequently, the number of cylinders can be smoothly changed over, according to an operator's intention.

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Search Results - Record(s) 1 through 10 of 13 returned.

☐ 1. Document ID: US 20070255478 A1

L21: Entry 1 of 13

File: PGPB

Nov 1, 2007

PGPUB-DOCUMENT-NUMBER: 20070255478

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20070255478 A1

TITLE: Running control apparatus for vehicle

PUBLICATION-DATE: November 1, 2007

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

Wakashiro; Teruo

Sakura-shi

JP

Ozawa; Koichiro

Utsunomiya-shi

JΡ

US-CL-CURRENT: 701/93; 340/435, 340/903, 701/301, 701/96

Full	Titl∈	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claima	10040	Отанц Б-

☐ 2. Document ID: US 20040163866 A1

L21: Entry 2 of 13

File: PGPB

Aug 26, 2004

PGPUB-DOCUMENT-NUMBER: 20040163866

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040163866 A1

TITLE: Control system for cylinder cut-off internal combustion engine

PUBLICATION-DATE: August 26, 2004

INVENTOR - INFORMATION:

NAME CITY STATE COUNTRY

Wako-shi JΡ Sen, Naoto Okada, Tadayoshi Wako-shi JP

JP Sugiyama, Akira Wako-shi

Nishida, Kenichi	Wako-shi	JP
Tomokuni, Yasuhiko	Wako-shi	JP
Ishiyama, Mahito	Wako-shi	JР
Yamashita, Kazuo	Wako-shi	JP

US-CL-CURRENT: 180/179

Full	Title Citation Front	Review	Classification	[/ate	Reference	Sequences	Attachments	Claims	KMC	Drawe De
		·····								
	3. Document ID	: US 20	040158383	A1						
L21: I	Entry 3 of 13				File: F	PGPB		Aug	12,	2004

PGPUB-DOCUMENT-NUMBER: 20040158383

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040158383 A1

TITLE: Control system for cylinder cut-off internal combustion engine

PUBLICATION-DATE: August 12, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Sen, Naoto	Wako-shi		JP
Okada, Tadayoshi	Wako-shi		JP
Sugiyama, Akira	Wako-shi		JP
Nishida, Kenichi	Wako-shi		JP .
Tomokuni, Yasuhiko	Wako-shi		JP

US-CL-CURRENT: 701/96; 701/110

Full Title Citation Front Review Classification	Date Reference Sequences .	Attachments Claims 1000C Draw De
☐ 4. Document ID: US 20040012206. L21: Entry 4 of 13	Al File: PGPB	Jan 22, 2004
PGPUB-DOCUMENT-NUMBER: 20040012206 PGPUB-FILING-TYPE: new DOCUMENT-IDENTIFIER: US 20040012206 A1		

TITLE: Control device for hybrid vehicle

PUBLICATION-DATE: January 22, 2004

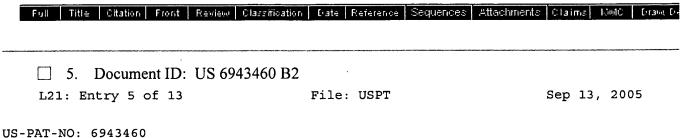
INVENTOR-INFORMATION:

STATE NAME CITY COUNTRY Wakashiro, Teruo Shioya-gun JP Hanada, Kohei Utsunomiya-shi JΡ

http://jupiter2:9000/bin/gate.exe?f=TOC&state=j4brbv.25&ref=21&dbname=PGPB,USPT,U... 12/3/07

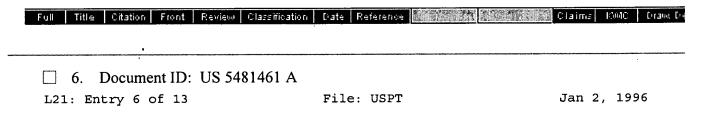
JP Yonekura, Takahiro Utsunomiya-shi DE Kishida, Makoto Frankfurt JP Nishi, Tomohiro Kawachi-gun Hara, Kazuhiro Kawachi-gun JP

US-CL-CURRENT: 290/40C; 903/917, 903/927, 903/940, 903/941, 903/942, 903/943



DOCUMENT-IDENTIFIER: US 6943460 B2

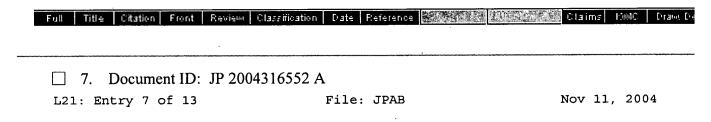
TITLE: Control device for hybrid vehicle



US-PAT-NO: 5481461

DOCUMENT-IDENTIFIER: US 5481461 A

TITLE: Automotive vehicle engine with cylinder suspending mechanism for switching between a partial-cylinder non-working mode and an all-cylinder working mode depending on running conditions of the engine



PUB-NO: JP02004316552A

DOCUMENT-IDENTIFIER: JP 2004316552 A

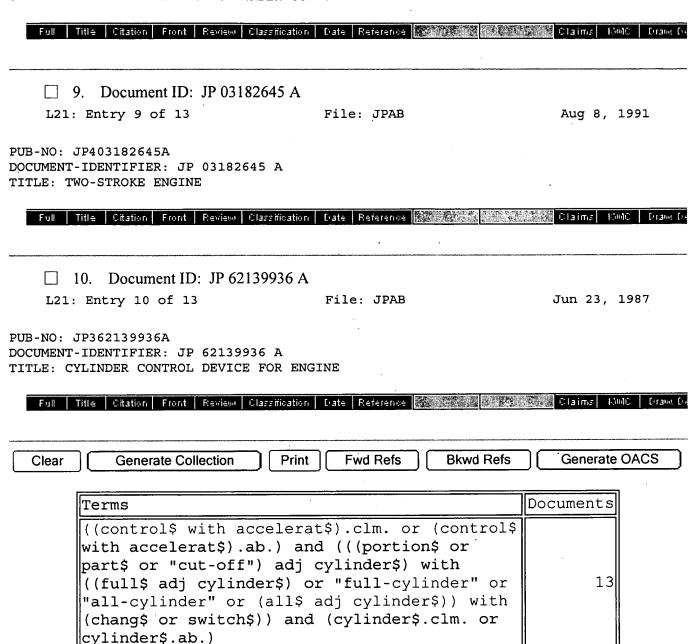
TITLE: CONTROL DEVICE FOR INTERNAL COMBUSTION ENGINE

Full Titl∈	Citation	Front	Review	Classification	Date	Reference		Claim	s 10	บฟิC	Orabit De
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□ ·8. □	Documer	nt ID:	JP 200)4293536 A							
L21: En	try 8 o	f 13			File:	JPAB .		Oct 2	21,	2004	Ŧ

PUB-NO: JP02004293536A

DOCUMENT-IDENTIFIER: JP 2004293536 A

TITLE: CONTROL DEVICE FOR CYLINDER CUT-OFF INTERNAL COMBUSTION ENGINE



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Search Results - Record(s) 11 through 13 of 13 returned.

11. Document ID: JP 58174135 A

L21: Entry 11 of 13

File: JPAB

Oct 13, 1983

PUB-NO: JP358174135A

DOCUMENT-IDENTIFIER: JP 58174135 A

TITLE: MULTI-CYLINDER INTERNAL-COMBUSTION ENGINE

Full Title Citation Front Review Classification Date Reference Claims Dulc Draw Co.

12. Document ID: EP 1445460 A2
L21: Entry 12 of 13 File: EPAB Aug 11, 2004

PUB-NO: EP001445460A2

DOCUMENT-IDENTIFIER: EP 1445460 A2

TITLE: Control system for cylinder cutoff internal combustion engine

Full Title Citation Front Review Classification Date Reference Company Claims ISMC Draw, De

13. Document ID: JP 2004293536 A, EP 1445460 A2, US 20040158383 A1

L21: Entry 13 of 13

File: DWPI

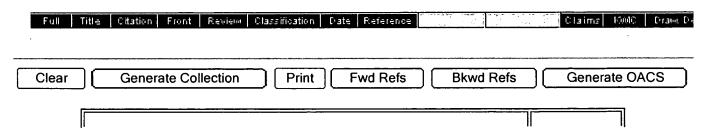
Oct 21, 2004

DERWENT-ACC-NO: 2004-555320

DERWENT-WEEK: 200469

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TITLE: Control system for cylinder cut-off internal combustion engine, has acceleration suppression controller that performs acceleration suppression control if engine is switched from cut-off cylinder operation to full cylinder operation



Terms	Documents
<pre>((control\$ with accelerat\$).clm. or (control\$ with accelerat\$).ab.) and (((portion\$ or part\$ or "cut-off") adj cylinder\$) with ((full\$ adj cylinder\$) or "full-cylinder" or "all-cylinder" or (all\$ adj cylinder\$)) with (chang\$ or switch\$)) and (cylinder\$.clm. or cylinder\$.ab.)</pre>	13

Display Format: -

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End of Result Set

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L21: Entry 13 of 13

File: DWPI

Oct 21, 2004

DERWENT-ACC-NO: 2004-555320

DERWENT-WEEK: 200469

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TITLE: Control system for cylinder cut-off internal combustion engine, has acceleration suppression controller that performs acceleration suppression control if engine is switched from cut-off cylinder operation to full cylinder operation

INVENTOR: NISHIDA, K; OKADA, T ; SEN, N ; SUGIYAMA, A ; TOMOKUNI, Y

PATENT-ASSIGNEE: HONDA MOTOR CO LTD (HOND)

PRIORITY-DATA: 2003JP-0136954 (May 15, 2003), 2003JP-0030812 (February 7, 2003)

Search Selected Search ALL Clear

PATENT-FAMILY:

	PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
	JP 2004293536 A	October 21, 2004		031	F02D017/02
	EP 1445460 A2	August 11, 2004	E	034	F02D041/36
П	US 20040158383 AI	August 12, 2004		000	B60K031/00

DESIGNATED-STATES: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR

APPLICATION-DATA:

APPL-NO DESCRIPTOR PUB-NO APPL-DATE

May 15, 2003 2003JP-0136954 JP2004293536A EP 1445460A2 February 5, 2004 2004EP-0002561 February 6, 2004 2004US-0772370 US20040158383A1

INT-CL (IPC): B60K 31/00; B60K 31/02; F02D 17/02; F02D 29/02; F02D 41/02; F02D 41/36; F02D 45/00

ABSTRACTED-PUB-NO: EP 1445460A

BASIC-ABSTRACT:

NOVELTY - The control system includes an acceleration suppression controller that conducts an acceleration suppression control if the engine operation is switched from a cut-off cylinder operation to a full cylinder operation when the running control is in progress.

USE - Used for suppressing the acceleration of a cylinder cut-off internal

Record Display Form

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combustion engine depending on the engine operating state.

ADVANTAGE - Enables adjusting the throttle opening quickly. Enables the engine operation to switch between the full cylinder opening and the cut-off cylinder operation based on the engine load. Enables performing running control. Avoids sharp or drastic acceleration accompanying torque fluctuation, when the engine operation is switched to the full cylinder operation.

DESCRIPTION OF DRAWING(S) - The figure shows the flowchart of the transition control operation from the cut-off cylinder operation to the full cylinder operation during execution of running control.

ABSTRACTED-PUB-NO: EP 1445460A

EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.4/17

DERWENT-CLASS: Q13 Q52 X22

EPI-CODES: X22-A03X;

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Generate Collection Print

L21: Entry 8 of 13 File: JPAB Oct 21, 2004

PUB-NO: JP02004293536A

DOCUMENT-IDENTIFIER: JP 2004293536 A

TITLE: CONTROL DEVICE FOR CYLINDER CUT-OFF INTERNAL COMBUSTION ENGINE

PUBN-DATE: October 21, 2004

INVENTOR-INFORMATION:

NAME COUNTRY

SEN, NAOHITO

OKADA, TADAYOSHI

SUGIYAMA, AKIRA

TOMOKUNI, YASUHIKO

NISHIDA, KENICHI

ASSIGNEE-INFORMATION:

NAME COUNTRY

HONDA MOTOR CO LTD

APPL-NO: JP2003136954 APPL-DATE: May 15, 2003

PRIORITY-DATA: 2003JP-030812 (February 7, 2003)

INT-CL (IPC): F02D 17/02; B60K 31/00; F02D 29/02; F02D 41/02; F02D 45/00

ABSTRACT:

PROBLEM TO BE SOLVED: To provide a <u>control</u> device for a <u>cylinder</u> cut-off internal combustion engine in which the operation of the engine is <u>changed</u> over between a <u>full-cylinder</u> operation and a cut-off operation according to the engine load and the constant speed running <u>control</u> is executed capable of avoiding generation of such a steep <u>acceleration</u> as involving a torque variation when changing-over into the <u>full-cylinder</u> operation is made even if such a <u>control</u> is performed as to fix the throttle opening to the close side and lower the car speed for maintaining the <u>cut-off cylinder</u> operation as much as practicable when the running <u>control</u> is executed.

SOLUTION: The <u>control</u> device for the <u>cylinder</u> cut-off internal combustion engine is equipped with an <u>acceleration</u> suppression <u>control</u> means (S200 to S230) to suppress the <u>acceleration</u> of a car, wherein the <u>acceleration</u> suppression <u>control</u> means calculates the second target car speed VDK (desired vehicle velosity during transition <u>control</u>) obtained by decreasing the target car speed (S210, S212, S218) and makes suppression <u>control</u> of the <u>acceleration</u> by executing the running <u>control</u> on the basis of the second target car speed (S222). In some cases, for example when an <u>accelerate</u> switch is operated, the <u>acceleration</u> suppression <u>control</u> is stopped (S232 to S240).

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